JOCHUM & NESLER
SPORTING GOODS

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1. IMPORTANT WARNINGS

Do not use this product unless you agree with the following terms and conditions. The user of this product understands that the use of this product exposes the user to certain unavoidable risks, dangers and hazards. The user assumes these risks voluntarily. Before using this product, the user has carefully read the User's Manual. He understands the safety instructions and agrees to comply with them. The user of this product understands that the seller is not responsible for any damage to property or injury caused by negligent operation of this product by the user, and the user releases the seller from all such liability. If you do not agree with these terms and conditions, do not use this product. Kindly return this product before use and your purchase price will be refunded in full.

2. RELEASE OF LIABILITY

By assembling and/or using this JN Kite product, you agree that you have read and understood the JN user's manual, including all instructions and warnings contained in that manual, prior to using the JN kiteboarding product in any way. You also agree that you will ensure any additional or subsequent user of your JN kiteboarding product will read and understand the manual, including all instructions and warnings contained in that manual, prior to allowing that person to use your JN kiteboarding product. Assumption of risk: Use of the JN kiteboarding product and of any of its components involves certain inherent risks, dangers and hazards, which can result in serious personal injury and death for both, the user and non-user third parties. By using the JN kiteboarding product, you freely agree to assume and accept any and all known and unknown risks of injury to you and to third parties while using this equipment. The risks inherent to this sport can be greatly reduced by abiding to the warning guidelines listed in this User's M anual and by using common sense. Release and Waiver of claims: In consideration of the sale of the JN kiteboarding product to you, you hereby agree to the fullest extent permitted by law, as follows: To waive any and all claims that you have or may in the future have against Jochum & Nesler and all related parties resulting from use of the JN kiteboarding Product and any of its components. To release Jochum & Nesler and all related parties from any and all liability for any loss, damage, injury or expense that you or any users of your JN kiteboarding product may suffer, or that your next of kin may suffer, as a result of the use of the JN kiteboarding product, due to any cause whatsoever, including negligence or breach of contract on the part of Jochum & Nesler and all related parties in the design or manufacture of the JN kiteboarding product and any of its components. In the event of your death or incapacity, all provisions contained herein shall be effective and binding upon your heirs, next of skin, executors, administrators, assigns, and representatives. Jochum & Nesler-related parties have not made and expressly deny any oral or written representations other than what is set forth herein and the JN Kite user's manual.

3. KITE CARE AND SAFETY

a. Kite Care

Due to the extreme nature of kiteboarding, a thorough approach should be taken when caring for your kite and all its associated rigging. Frequent inspections of the kite should be made in order to detect punctures, tears, or abrasions in the canopy or struts. It is also necessary to check the flying lines for wear and to untie knots, which often reduce the breaking strength of the flying lines.

Between sessions: Never leave an inflated kite unattended for a long period of time. Winds may shift or change and the kite may become unsecured and take off. Do not leave an inflated kite (secured or not) directly exposed to the wind or sunrays for any length of time. This might cause the trailing edge to flag excessively, which can damage the kite. If you must leave the kite exposed to the wind on the track, place sufficient amounts of sand sacks between each batten and near the trailing edge to minimize or stop the flagging and additionally secure it with your sand/snow stake.

Proper Storage: We recommend washing your kite with fresh water and drying it before rolling it up for storage. Wash your control system from time to time by placing the entire control system (with lines wound onto the bar) into a bucket of fresh water and letting it sit for 5 minutes. Allow to dry properly before storing in a dry location.

We strongly recommend the following: If you have never tried kiteboarding before and you are not sure how to get started safely you must attend a licensed kiteboarding school in order to learn the basics of kiteboarding. Familiarize yourself with safety precautions and with your safety and quick-release equipment in particular. Only go kiteboarding if you are in good physical shape and do not suffer from any medical conditions that may impair your kiting ability. No risk, no fun...but always remember: There are old and there are bold riders. But there are no old bold riders! This kite is not to be used as a paraglider or free-flying device!

b. Dangers when Kiteboarding

When kiteboarding, extreme wind strengths come into play. In rare cases (improper use or loss of control), the kite or its lines and perhaps even the rider as well may cause dangerous flight path situations with other people such as onlookers, swimmers or sun-bathers or obstacles such as houses, vehicles, power lines, etc. Due to the enormous powers involved, this may lead to life-threatening situations. People who get caught in kite lines may suffer from severe gashes or burns. Kite canopies crashing down may injure onlookers. When performing uncontrolled 360 ties (loops), the canopy may give you involuntary "air time". An uncontrolled landing (especially on land) is particularly dangerous!

c. Threats to Onlookers

It is within your responsibility to check whether uninvolved people or other athletes may be endangered or injured by your actions or your gear. Only fly your canopy over unobstructed areas. Do not fly over people or animals. Ensure that a semicircle extending 100 meters downwind and to each side of your flying position is clear of people and obstructions. Use a kite leash to keep your kite under control. Do not fly your kite in the vicinity of swimmers, kayakers, (wind-) surfers and water skiers as well as near to boats.

d. Safety of the Kiteboarder:

Safety of the Kiteboarder: Kiteboarding should only be attempted or performed by a reasonably good swimmer. Wearing a Coast Guard-approved PFD can safe your life in an unexpected dangerous situation. Go no further from land than you're able to swim back. Do not fly your kite near power lines, telephone poles, airports, streets, buildings and trees. If using a board-leash, you must wear a helmet for protection. Take into account all the usual risks associated with water sports such as rocks, waves, sunburn, hypothermia, jellyfish etc.

e. Threats through Kite Lines:

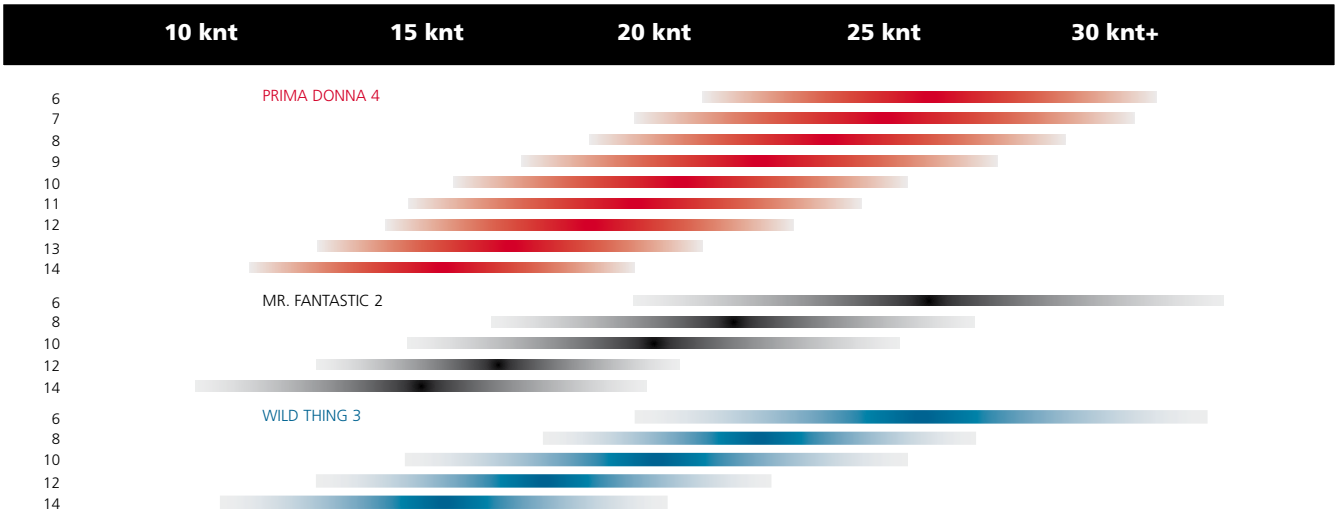
Never touch the kite lines while flying, as these lines can become dangerously sharp when under tension. Never use kite lines with notches, cuts etc. These must be replaced. Only use lines that have no knots in them, as knots can weaken lines by as much as 50%. Do not touch the lines of the canopy, unless the kite has been secured to the ground. Never wrap lines around your arms, fingers or other parts of the body!

f. Wind, Water and Weather Conditions:

Do not go kiteboarding on choppy waters. Please check the wind direction before setting up the kite. Avoid offshore wind. Be careful with onshore wind when sailing close to the shore. Get information on tidal and sea current conditions at your kiting spot! Get information from both the weather report and the locals on prevailing weather conditions. Only go kiteboarding in conditions that allow you to keep 100% control. If you're a beginner, limit your first ride to wind strengths of 4-5 bft. maximum. The stronger the wind, the more dangerous it is. Do not use your kite in gusty winds. Carefully observe the conditions, you might have to cope with additional 2-3 beaufort within shortest time. Never use your kite in the vicinity of thunderstorms or where they are likely to develop. (Check the local weather report!) Leave the water immediately when a storm is approaching. Sailing in or near a thunderstorm means putting your life at risk! Wind Range Chart: These charts are only general guidelines! Factors like your personal skill, water, snow and ice conditions, as well as board/ski size are all to be considered when selecting the right kite size.

g. Wind Range Chart

These charts are only general guidelines! Factors like your personal skill, water, snow and ice conditions, as well as board/ski size are all to be considered when selecting the right size.



Beaufort	Description	km/h	kts	m/s	Conditions
3	Gentle breeze	12 - 19	7 - 10	3.4 - 5.4	Leaves and smaller twigs in constant motion
4	Moderate breeze	20 - 28	11 - 15	5.5 - 7.9	Dust and loose paper raised. Small branches gebin to move
5	Fresh breeze	29 - 38	16 -20	8.0 - 10.7	Branches of a moderate size move. Small trees begin to sway
6	Strong breeze	39 - 49	21 - 26	10.8 - 13.8	Large branches in motion. Whistling heard in overhead wires
7	High wind, Moderate gale	50 - 61	27 - 33	13.9 - 17.1	Whole trees in motion. Effort needed to walk against the wind.
8	Gale, Fresh gale	62 - 74	34 - 40	17.2 - 20.7	Some twigs broken from trees. Progress on foot is impeded.
9	Strong gale	75 - 88	41 - 47	20.8 - 24.4	Some branches break off trees, and some small trees blow over.
10	Storm (6) Whole gale	89 - 102	48 - 55	24.5 - 28.4	Trees are broken off or uprooted, saplings bent and deformed.

h. Know your Skill Level:

Do not attempt to go kiteboarding without appropriate instruction. Do not go kiteboarding on your own. Make sure you are in good physical shape before using this product. Practice with a low traction kite or trainer kite before flying this kite. The more time you spend with a trainer kite, the safer and faster you will learn. End your Kiteboarding session before you are completely exhausted. Do your homework: make sure you know safety-rules and precautions for all aspects of kiteboarding; launching, landing, flying, riding, and kiting, self-rescue, etc. Only accept help from people who know how to handle, launch and land your kite properly. You are responsible for the safe operation of your kite.

4. NEW JN KITES AND FEATURES

a. Prima Donna 4

JN is proud to present the ultimate C shaped kites in its fourth generation, the famous Prima Donna 4. At such a highly developed stage, little refinements make a big difference. Therefore JN focused on perfection of the already legendary freestyler. Double seams, use of proven materials, durable Kevlar reinforcements and sophisticated material combinations all combined to provide the legendary high end JN manufacturing. Kite profiles, individually adapted to the respective wind speed, are making each kite size unique and specifically designed for its range.The JN developed floating batten system FBT allows the profile to adapt itself to current winds. Gusts or increasing winds are balanced by the FBT system that allows adjusting the profile and as a result extends the wind range.The perfect round arc leading edge shape reduces performance-inhibiting air turbulences, which lead to optimized and dynamic flying characteristics. In 2010, the Prima Donna is re-born with a complete range of new sizes which makes it easier for all disciplines, genders and weights of riders to tailor their perfect quiver at all wind speeds.

Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14 m²

Characterisitcs: Fast flying speed, mid bar pressure, lots of punch for powerful unhooked wakestyle moves precise, direct steering combined with balanced intuitive feedback, high wind performance like never before, impressive low wind performance, enormous lift and hangtime, instant 5th line safety, simple relaunch

Features: Single point inflation, perfect round arc shape, stress absorbing applications of high end Polyant Dacron areas, floating Batten System FBT, high end manufacturing by double seams, reinforcement patches, teijin materials, kevlar patches for enhanced durability, stitched in graphic design

b. Mr. Fantastic 2

Following the great success of Mr. Fantastic 1, who really lives up to his name, the second generation will win you over with increased performance, wider wind range and even easier handling by a simple and secure 4 line setup. The ‚all purpose' kite offers the necessary characteristics to all stages of rider skills - easy handling and an On / Off power generation for beginners, tight turns and a stable flying character for more experienced freeriders and wave freaks. For freestyle, the bridle development focused on increased lift, bar feedback and punch for stylish tricks. Experience the swept back shape in its perfection!
Kiteshape and bridle setup: Mr. Fantastic is shaped as a swept back kite, which allows the rider to adjust the angle of approach as with other high depower kites, but without the loss of direct steering. Unlike some Delta kites, Mr.F´s tip construction gives the kite a very responsive/ direct character, combined with moderate bar pressure. The simple bridles are supporting the increased angle of approach and additionally support the kite´s stability while offering a wide wind range.

Sizes: 4, 5, 6, 8, 10, 12, 14 m²

Characterisitcs: Increased wind range, more depower through, perfect adapted bridle setup, enhanced low wind performance, by an optimize effective area, fits everyone, from beginner to professional through its easy handling, high jumps with great floaty hangtime, direct and responding steering, suitable for all conditions and skills, great upwind performance, easy instant 4 line relaunch, single front line safety

Features: Less bar pressure, simple bridle construction, revised single Inflation system, kevlar patches for longer durability, light and durable Teijin sail cloth, 5 strut construction

c. Wild Thing 3

The Wild Thing was JN´s first kite to start with, six years ago. Its fans loved the incredible direct steering combined with extreme grunt and hang time. Yet again the designer Michael Nesler together with his eager team that pushed the envelope the third time to create something stunning for the demanding WT fans. The Wild Thing 3 rounds up the kite range by sitting perfectly in the middle of Mr.F2 and PD4, but combining both characters. Easy four line bridle with the benefits of a fast responding performance weapon when you need it. The medium bar pressure is adjustable to either wakestyle lovers or softer freeride preference. JN found the right direction using all possible innovative points to put together a sportive 4 line C-cut shape serving freestyle and freeride in equal measure.

Sizes: 6, 8, 10, 12, 14 m²

Characterisitcs: Freeride / Waves, simple four line bridle, easy instant 4 line - relaunch, great upwind performance thanks to perfect round arc shape, stability thanks to floating batten FBT, enhanced low wind performance by an optimized effective area, depower through simple bridle and slight swept back design, easy handling and simplicity, extended wind range

Features: Freestyle, easy access to high jumps, constant pop and hangtime, most direct and responding steering, instant and fast turning thanks to light construction and large wingtips

d. JN Kite Features

FBT – Floaten Batten Technology: Small but optimized calculated flaps sewn between canopy and struts allow the kite's profile to adapt itself to current air turbulences, gusts and the current angle of approach. This allows a gust forgiving kite with lots of depower and an increased performance. - Prima Donna 4 + Wild Thing 3

Perfect Round Arc Shape: Software developed especially for this purpose allows a special cutting of the leading edge component segments which leads to an optimized round arc shape without any edges. This leads to a perfect air flow by fewer edges along the arc, less material stress and a maximized performance. No vortexes, no drag! - Prima Donna 4 + Mr.Fantastic 2 + Wild Thing 3

JN C-Cut Shape: JN, known for unrivalled freestyle shapes, fulfilled the demand for punch, direct and fast freestylers offering a wide wind range with four lines.The innovative C-Cut Shape provides those characters without any loss of freestyle ability. - Wild Thing 3

Light Profile Segmentation: Often small things make the difference. A small but very effective seam at the canopy and along the leading edge allows the optimized profiling of the canopy without any wrinkles. - Wild Thing 3

Weight Saving Construction: Using light, high quality materials like Teijin sailcloth or Polyant Dacron and applying stitched in designs, JN kites save considerable weight which increases performance. Further these high end materials extend durability and the kite's life!
- Prima Donna 4 + Mr.Fantastic 2 + Wild Thing 3

Simple Bridle: Development always focuses on simplicity in usage. Therefore every bridle system is constructed as simple and as short as possible to reduce error sources and support the kite's arc profile optimized. - Mr. Fantastic 2 + Wild Thing 3

JN Strut Flange System: Often copied but never matched, the special JN strut flange system offers perfect rigid strut connections which enable direct steering and exact profiling. Additionally, it increases durability and saves weight compared to common flange constructions. - Prima Donna 4 + Mr.Fantastic 2 + Wild Thing 3

Double Closing Seams: One of the weakest points of the leading edge, the closing seam, is double stitched and additionally reinforced inside the tube for extended durability and rigidity. - Prima Donna 4 + Mr.Fantastic 2 + Wild Thing 3

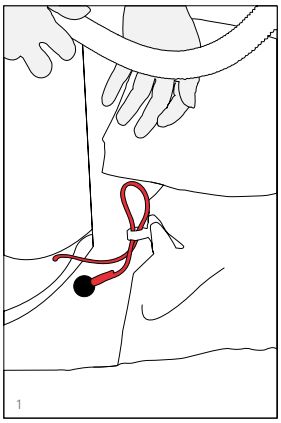
Patched hangpoints: Because bridles and pigtails are the main load transmitter, development kept an eye on reinforcing those respective areas.
- Prima Donna 4 + Mr.Fantastic 2 + Wild Thing 3

Single Inflation: The simple JN single inflation system allows you to kite when others are still pumping! - Prima Donna 4 + Mr.Fantastic 2 + Wild Thing 3

5. KITE SETUP

a. Set up and pack your JN kite

Don't try to use your JN Kite with different bars than the JN Bar! Set up: Unwrap your kite, plan it to the ground and pin it down by some object which doesn't harm the kite such as a sand bag. Next, attach the pump leash to the pump leash loop in the middle of the kite and start pumping it up by using the inflate valve. Ensure that the cleats, which are closing the single pump connection hose at the struts, are opened.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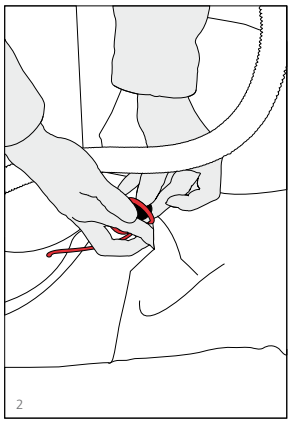
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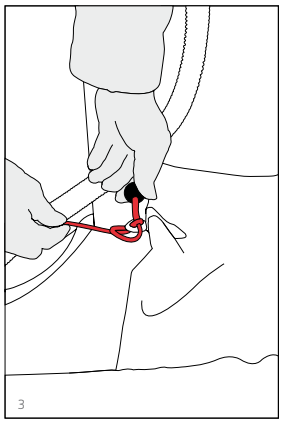
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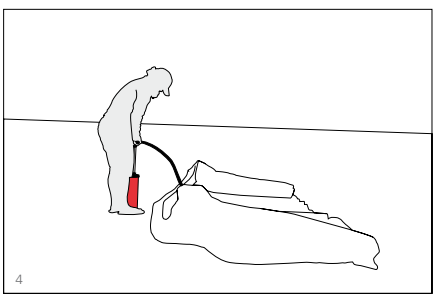
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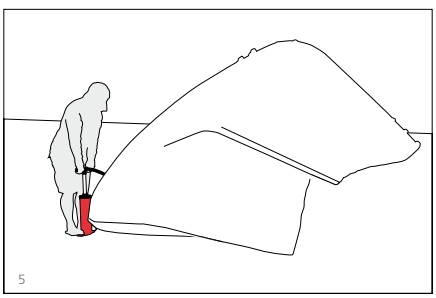
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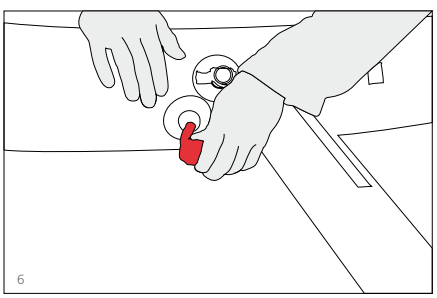
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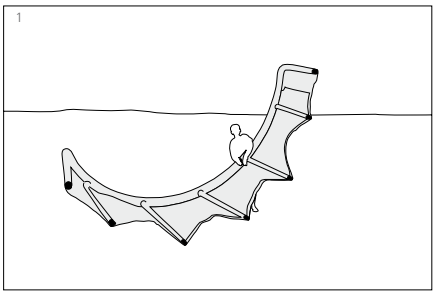
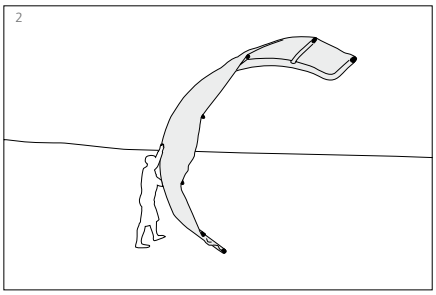
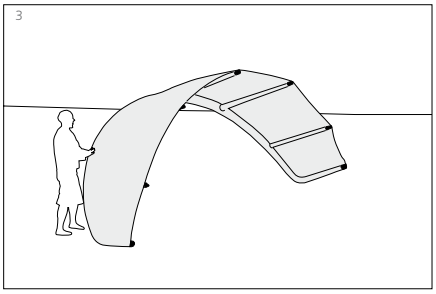
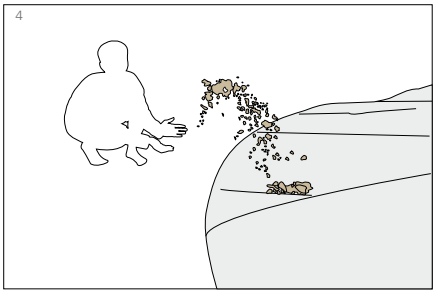
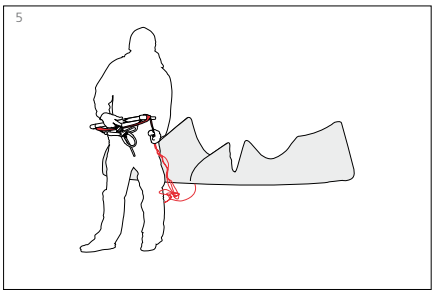


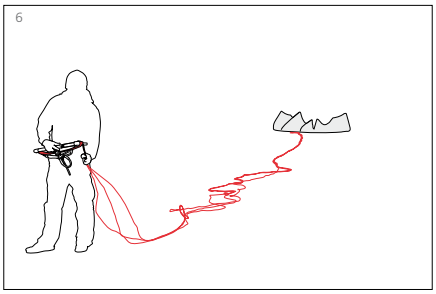


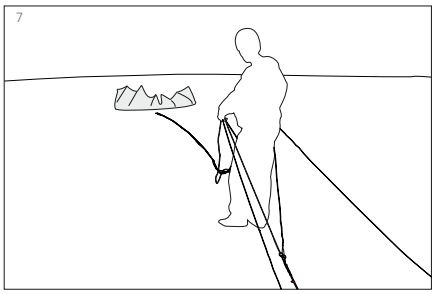


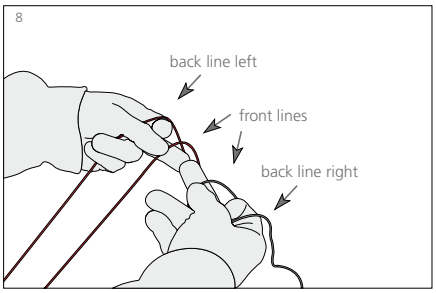


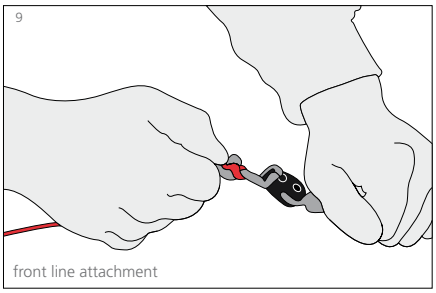
Pump up your kite to the recommended 6-7psi. If your pump doesn't provide a barometer, try to pump the kite until it sounds slightly metal when flicking it with the finger. Notice, a weakly pumped up kite doesn't perform properly, maybe is not relaunchable and wears out faster! Pumped up properly, you should turn around your kite, lie it on the leading edge and fix it by a heavy object which doesn't harm the kite. Always ensure that there are no material failures such as tears on the canopy and struts. **Next step:** Unwrap your bar down- or even upwind. Ensure that there are no tears and knots at your lines. Sort your lines properly. All JN kites come equipped with a fool proof adapter. The bar side has knots at the backlines and a loop at the frontlines. The kite side has exact the opposite, so no connection mistakes are possible. Connect your flying lines to the kite's pigtails by a simple bow knot and ensure that they are set properly. Always check your set-up kite, ensuring untwisted lines twice before launching!

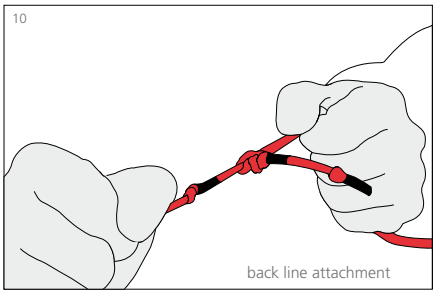












Packing: After landing, pin down your kite properly. Always dry your kite and bar before storing them! We recommend you wash all your equipment with freshwater first. Detach your flying lines and wrap them around the bar. Fix them by the elastic loop at the bar ends. Next, deflate your kite completely by opening the deflate valve. Don't forget to open all single pump clamps to be able to deflate your struts too (in case you want to keep the struts inflated, only deflate the leading edge and wrap your kite up form both sides). Wrap up your kite from both sides. Fold the wrapped up canopy into thirds to be able to pack it into the backpack and store your equipment dry.

b. Stopperball Adjustment

To be able to release and/or relaunch your kite properly and safe, we recommend to adapt your JN bar to your current kite in use. The bar has to slide far enough that the kite sheets out almost pressure-less but not so far that the bar reaches almost the kite and tangles itself into the lines. Therefore please always adjust the stopper ball at your bar to your kite according to the following table. The measurements are approximate and measured from powered bar to stopperball. For the four line kites Mr.Fantastic 2 and Wild Thing 3 you're able to choose between two different ways to sheet out the kite: One Frontline: This mode is recommended to beginners, searching for maximum safety and usage at higher winds. Releasing the kite leads to an almost pressure-less kite which is only attached to one line after releasing. 95% relaunch ability is given because of the possibility of tangled lines. Both Frontlines: This mode is recommended for more experienced kiter. 99% relaunch ability is given but beware at high winds! Sheeting out at both frontlines leads to a front stall which isn't 100% pressure less and could be dangerous in high winds.

Kite size	5 line mode	4 line mode 1	4 line mode 2
4.5 - 6 m²	175 cm	500 cm	180 cm
7 - 8 m²	180 cm	500 cm	180 cm
9 - 10 m²	185 cm	500 cm	200 cm
11 - 12 m²	200 cm	500 cm	220 cm
13 - 14 m²	220 cm	600 cm	240 cm
15 m²	225 cm	600 cm	260 cm

Lengths whilst fully powered bar (= adjuster open, bar fully pulled in) until stopper ring.

5 line mode	= sheeting out on 5th line
4 line mode1	= sheeting out on one frontline
4 line mode2	= sheeting out on both frontline

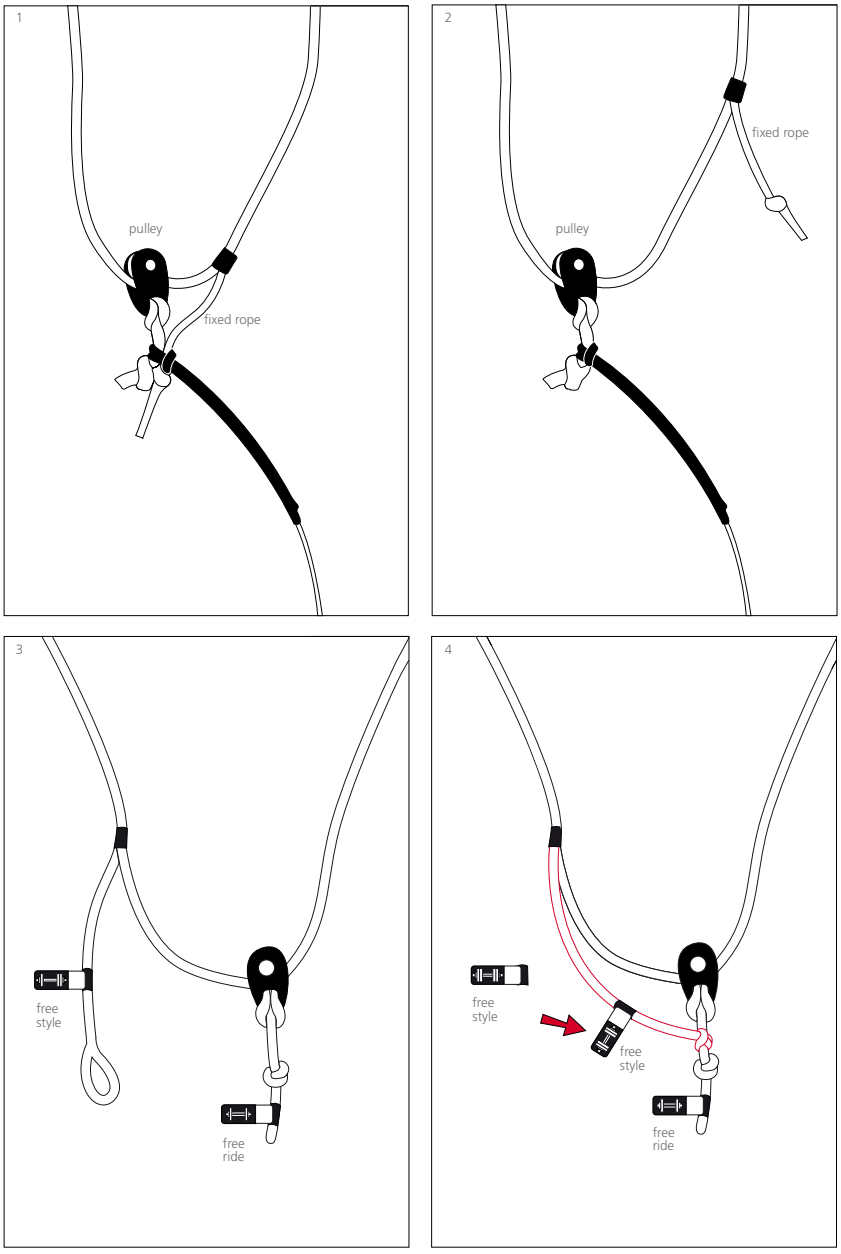
c. Tuning Tips

5th line adjustment: To gain ideal performance of your five line Prima Donna your fifth line tension is essential! If the 5th line's tension is too high it lowers the kites low wind performance, the lift, the hangtime and the general flying behaviour. After months of use the frontlines get stretched a little because they take most parts of the load. The fifth line doesn't take that much load so doesn't stretch that much. If you feel your kite isn't performing as well any more, try to lenghten the 5th line 2-5cm and the kite's full performance is recovered. In opposite it's possible to influence the high wind character by shortening the 5th line 2-5cm.

Stretched Frontlines: As told above the frontlines take most parts of the kite's load, so they are the first lines to stretch. When this happens you need to adjust your line lengths. Therefore use a tree or fence, or something else static, to tie a rope around it. Attach all your 4 or 5 lines to this rope, unwind your bar and hold the bar tight with bar fully powered. The lines should end all the same level. The backlines offer the possibility to attach them at the "less power" knot which extends the backlines, so length difference gets balanced. Alternatively you can extend the backlines by moving the knots under the floats at the bar ends.

Freeride / Freestyle option: Wild Thing 3 is offering two different setups to choose from; Freestyle and Freeride. Depending on individual preference and operating condition you have the freedom to choose between the two settings. Freeride (attachment of front line on pulley only) offers you a very dynamic kite with increased depower, most stable character and easy access to a maximum of range. We recommend this setting for wave riding. Freestyle (attachment of front line on pulley and fixed hangpoint) offers more constant power/pop and direct steering for unhooked tricks. This will lead to a reduction of depower and additionally ease of use to generate low wind grunt.

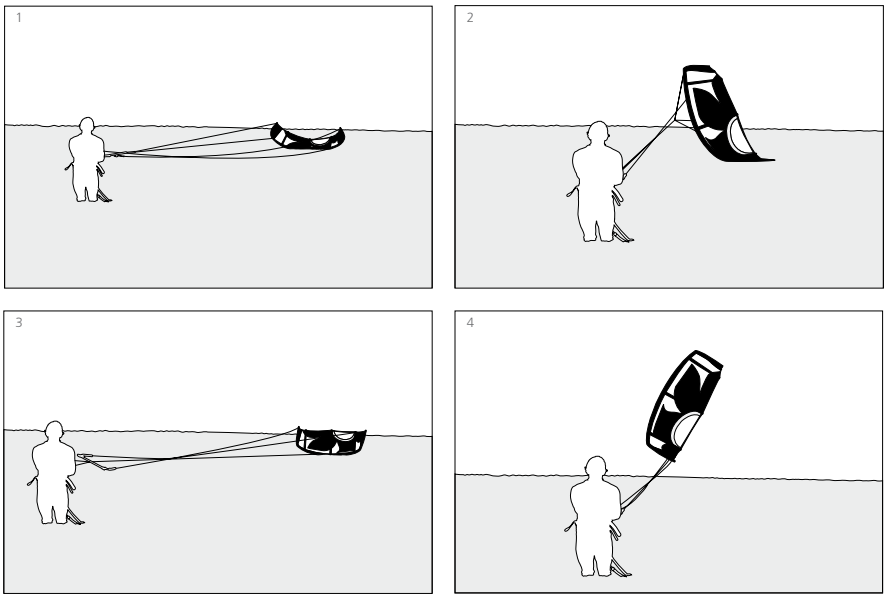
More / Less bar pressure: Wild Thing 3 provides different hangpoints for backlines too. For easy and relaxed freeriding adjust your kite to "less bar pressure" to preserve your arms.For more bar feedback (technical freestyle) use a "more bar pressure" hangpoint to receive better bar feedback which tells you where the kite is currently acting.



6. ELEMENTS OF KITESURFING

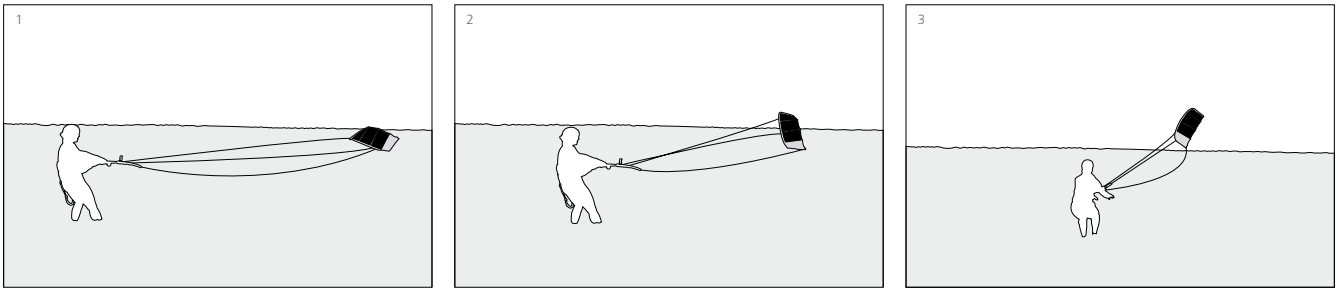
a. 5-Line Relaunch

Prima Donna 4: After dropping, the kite floats on the leading edge. Make sure you are perfectly hooked into your harness. Simply pull the fifth line until the profile tilts backwards. Don't pull too much, so the full canopy doesn't touch the water. This would hinder a fast and easy relaunch. Now pull one of the backlines so the kites tip is able to catch wind. Patiently wait until the kite starts to crawl to the wind window edge and slowly release the still pulled fifth line. The fifth line should be completely released when kite erects itself vertically. Pull one side of the bar so the kite launches skywards and your kite is relaunched and ready for further action.



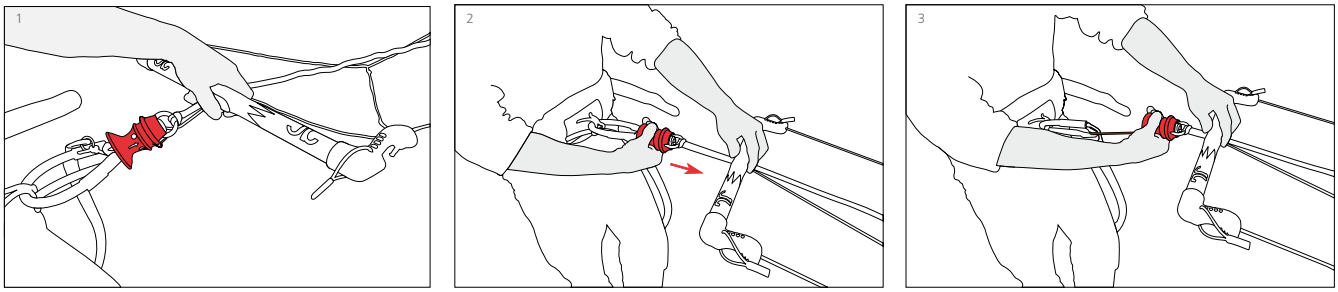
b. 4-Line Relaunch

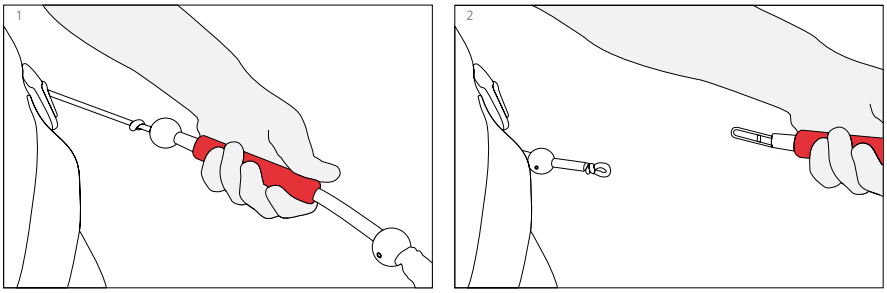
Mr. Fantastic 2: Simply wait until the kite is lying on the leading edge in the very middle of the wind window. Make sure you are perfectly hooked into your harness. Pull adjuster and push away the bar for maximum of depower. Then grab either left or right O-shit handle and pull. The stronger the wind, the faster the kite's tip will rise out of the water, therefore pull harder on the O-shit-handle in light winds and more gently in strong winds. Once the kite starts to crawl towards the wind window's edge you can let go of the handle and grab the bar accordingly. Keep on pulling/steering until the kite leaves the water. Steer the kite to the zenith and adjust the power according to the prevalent conditions. Find the sweet spot on the depower rope to be able to restart instantly. Wild Thing 3: Act as instructed above but with the difference ´not´ to depower the adjuster whilst pulling on one side of the bar.



c. Safety and Quickrelease

Attention, the applied security mechanism is passive, in a case of emergency the mechanism has to be activated manually and in time! The safety system insists two separate safety steps. First step is the release of the chickenloop by pushing the red handle next to the chickenloop upwards. This leads to an almost pressure less kite which stalls to the ground, but is still connected to the safety leash. If danger (for you or people and objects around) still exists, it's possible to release the second safety at the leash. By pushing away the red handle at the leash, the kite becomes fully disconnected from the kiter. Be aware, releasing the leash disconnects you from your kite so it will fly away and could harm other people or objects around. Practice releasing the safety mechanism, to be able to react instantly in a case of emergency!

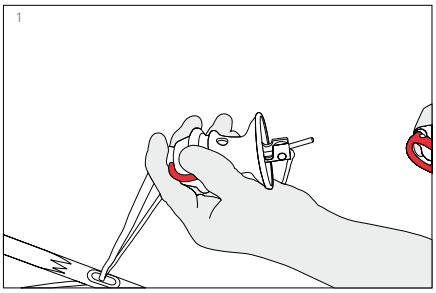


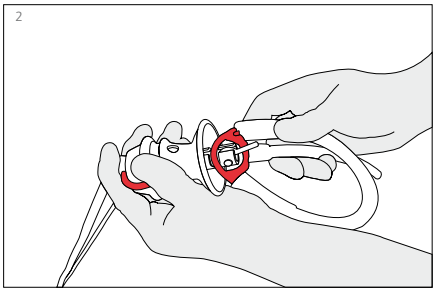


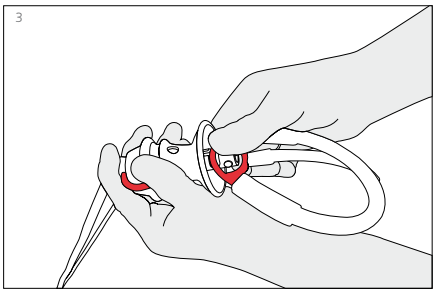
7. KITE BARSYSTEM

a. Quickrelease Reassembling

Take the Quickrelease properly and push the upper ring with your fingers down. While pushing the upper ring, insert the chickenloops metal ring into the nut at the Quickrelease „heart piece“. Push the release pin into the nut. Let go the Quickrelease handle so it slides down and closes the mechanism and your JN Quickrelease is closed and set up for further action!

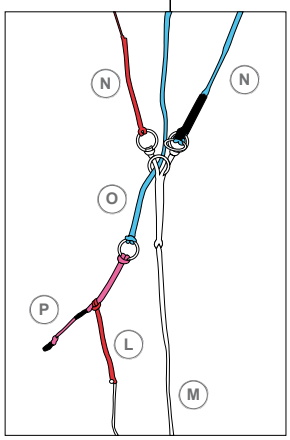


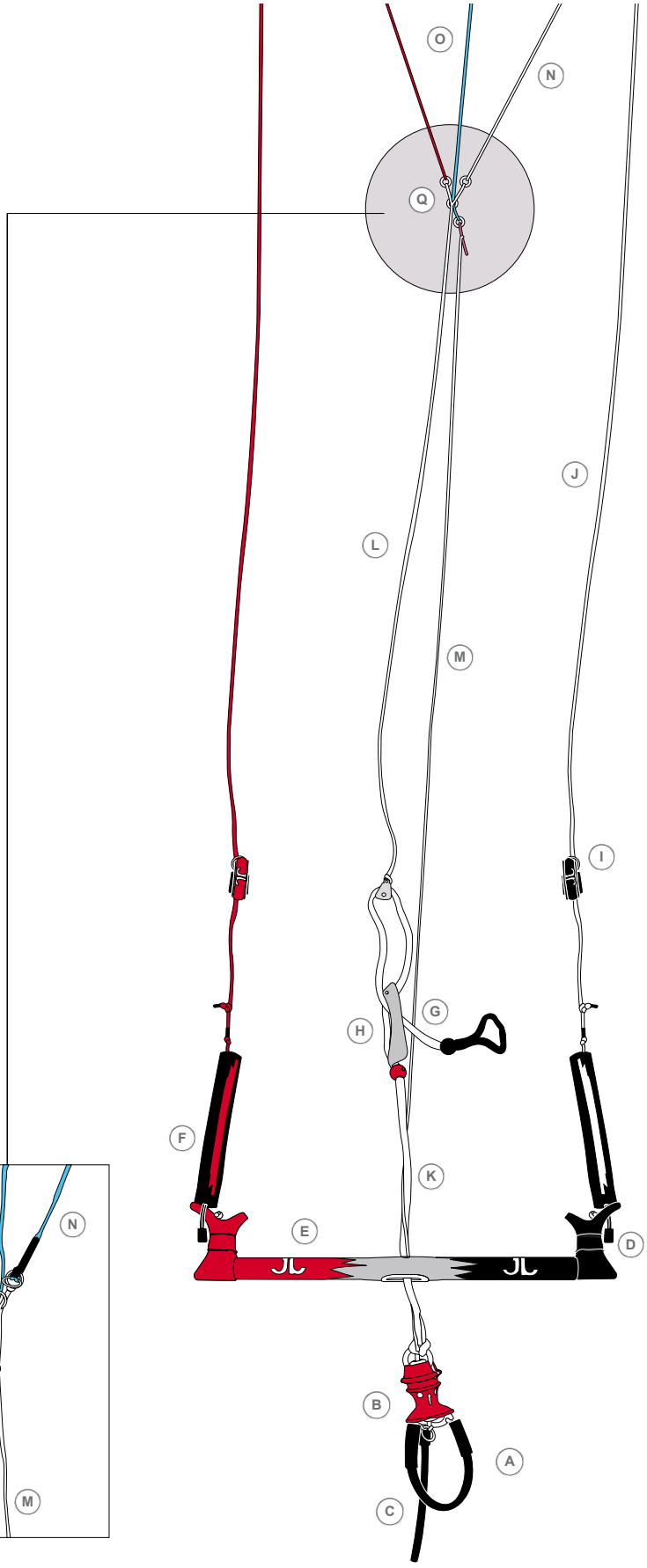




b. Switchcraft Bar Setup and Mode Conversion

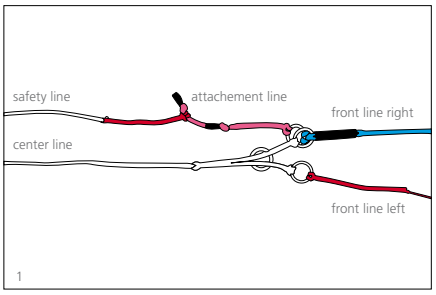
- A Chicken loop
- B Quick release
- C Chicken stick
- D Turnable bar ends
- E 3D grip bar
- F Floaters
- G Adjuster handle
- H Adjuster
- I Oh'shit handles
- J Back lines
- K Depower line
- L Center line
- M Safety line
- N Front line
- O 5th line
- P Attachment line
- Q Dyneema Y





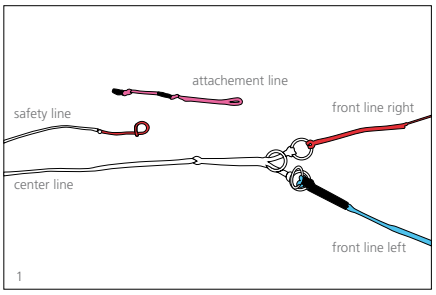
Mode conversion: 4 line mode 1

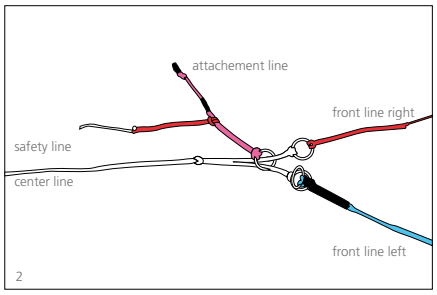
The Switchcraft II (4 lines preassembled) comes set up like shown at picture 1. A release of the QR will lead to sheeting out at one frontline! Recommended for sll swept back shapes (Mr. Fantastic), all Bow kites, all 4 line C-Kites



Mode conversion: 4 line mode 2

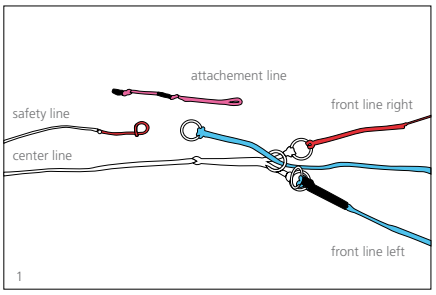
Modify your Switchcraft II from four line mode 1 (picture 1) with safety release by one front-line to four line mode 2 with safety release by both frontlines (picture 3). A release of the QR will lead to sheeting out at both frontlines! Recommended for high depower kites, swept back Shapes (Mr. Fantastic)

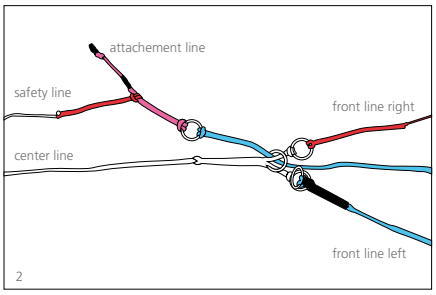




Mode conversion: 5 line mode

Modify your Switchcraft II from four line bar (picture 1 and 3) to five line bar. Therefore apply the included 5th line as shown below (picture 5). A release of the QR will lead to sheeting out at the fifth line! Recommended for five line C-Kites (Prima Donna), five line swept back shapes (Mr. Fantastic)





c. Switchcraft 2 length Adjustment

By using both loops at the bar ends you can adjust two different line lengths. Loosening the screws allows to turn the bar ends additionally. As result four different bar lengths are available.

42 cm	5 m² – 7 m²
46 cm	9 m² – 11 m²
50 cm	11 m² – 13 m²
54 cm	13 m² – 15 m²

d. Service, spare parts

JN's desire is to serve every customer from the very first contact till the support with spare parts. Whether a strut bladder, an one-pump hose or a substitution line, we will provide best customer service to you and your kite! For information and / or spare part orders contact info@jn-kites.com

8. JN LIMITED WARRANTY

(JN is a brand of Jochum & Nesler GmbH)
Warranty for kites: This Jochum & Nesler product is warranted to be free of defects in material and workmanship to the original purchaser for the period of 180 days from the date of purchase. All warranties are limited and subject to some restrictions. Please read the attached warranty policy before using these products. Please keep the original receipt of the purchase. To validate this Jochum & Nesler warranty and to demonstrate that you have taken notice of its limitations please fill out the warranty card and return it to Jochum & Nesler within ten (10) days from the date of purchase or register online at www.jn-kites.com within the same period of time, or inform us by e-mail about all details mentioned in the warranty card within ten (10) days from the date of purchase. The warranty is valid only if these products are used for normal recreational activities, and does not cover products used in rental or teaching operations.This warranty does not cover damage caused by misuse, abuse, neglect, or normal wear and tear, including but not limited to: punctures, rigging with components other than Jochum & Nesler, damage due to excessive sun exposure, damage due to over inflation of the bladders, damage caused by improper handling and storage, damage caused by use in waves or shore break, and/or damage caused by anything other than defects in material and workmanship. This warranty is voided if any unauthorized repair, change or modification has been made to any part of the equipment. The warranty for any repaired or replacement equipment is good from the date of the original purchase only. There are no warranties that extend beyond the warranty specified herein. Jochum & Nesler will make the final warranty determination, which may require inspection and/or photos of the equipment, which clearly show the defect. This information or these photos must be compiled and sent by the purchaser at his own cost. Products can be returned only if the purchaser, in advance of returning the product, obtains a return authorization number. The return authorization number must be clearly visible on the outside of the package or the package will be refused. The warranty covers the repair or replacement of the defective product only. Jochum & Nesler will not be responsible for any costs, losses, or damages incurred as a result of loss of use of this product. The original purchase receipt must accompany all warranty claims. The name of the retailer and date of purchase must be clear and legible.